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To: [Greg Fife/R6/USEPA/US@EPA](#)
Subject: bayou corne
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Disregard the voice mail I sent. After reviewing the digital photos it became clear the strange signature was due to directly reflecting the sun off the water surface right at that bend in the river. Sun reflections getting into the detector can overwhelm the cold shield and create false signatures. I completed the thermal analysis and it indicates that even though the sinkhole has some areas of elevated temperatures they are consistent with there being some type of petroleum product floating at the surface and absorbing more solar energy than the open water. The temperature differences are not large further indicating that the surface films are not very thick.

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